

**ABSTRACT**

A drive circuit includes an input node for receiving data, an output node. The drive circuit also includes a first MOS transistor of a first conductivity type and a second MOS transistor of the first conductivity type. The first MOS transistor has a source, a drain connected to the output node, and a gate connected to the input node. The second MOS transistor has a source, a drain connected to the source of the first MOS transistor, and a gate supplied with a predetermined potential level. The drive circuit also includes resistance means connected between the source of the second MOS transistor and a source node supplied with a source potential level.

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